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Substitute for PTO/SB/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 18, 2004 (use as many sheets as necessary)		Application Number	10/754,552		
		Filing Date	01/12/2004		
		First Named Inventor	Takashi KAMEI		
		Group Art Unit	2833		
		Examiner Name	Unassigned		
Sheet	1	of	1	Attorney Docket Number	017700-0158

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
2	B1	3,550,063		LECOCQ	12-1970	
	B2	4,477,862		GONZALES	10-1984	
	B3	4,401,351		RECORD	08-1983	
	B4	4,322,120		RILLING	03-1982	
	B5	4,445,741		ANNOOT	05-1984	
	B6	5,876,252	A	HAHN et al.	03-1999	
	B7	5,818,123	A	IWASAKI et al.	10-1998	
	B8	6,045,399	A	YU	04-2000	
	B9	6,033,264		FEYE-HOHMANN	03-2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
2	A7	JP	1-167783			11-27-1989		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶	

Examiner Signature	Felix O. Figueroa	Date Considered	8/27/04
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: January 12, 2004 (use as many sheets as necessary)				Complete if Known	
Sheet		1	of	1	Application Number Unassigned
					Filing Date 01/12/2004
					First Named Inventor Takashi KAMEI
					Group Art Unit 2833
					Examiner Name Unassigned
					Attorney Docket Number 017700-0158

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
JP	A1	5,818,123		IWASAKI et al.	10-06-1998	
JP	A2	5,920,197		PRICE et al.	07-06-1999	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
JP	A3	JP	53-115393			09-13-1978		
	A4	JP	62-274576			11-28-1987		
	A5	JP	1-91287			03-26-1991		
	A6	JP	3-30382			03-26-1991		
	A7	JP	1-67783			11-27-1989		
	A8	JP	7-220796			08-18-1995		
	A9	JP	9-64712			03-07-1997		
	A10	JP	9-199217			07-31-1997		
	A11	JP	11-054227			02-26-1999		
	A12	JP	4-129981			11-30-1992		
JP	A13	JP	10-303952			11-13-1998		

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Examiner Signature	Felix O. Figueroa	Date Considered	8/27/04
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